

MOLECULAR TRANSFER LITHOGRAPHY

ABSTRACT

A method for the fabrication of patterned devices, in which a latent image is initially formed in a photosensitive material on a carrier, and the exposed material containing the latent image is physically transferred to a substrate before processing. Physical transfer is enhanced by the appropriate selection of coating surface properties and additional coating layers, and by processing steps, such as heating and UV exposure, to promote adhesion to the substrate and detachment from the carrier.